

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use several sheets if necessary)  (PTO-1449)	PRIORITY DOCKET NO. 201487/1070 (KUV-101PCT-US)	SERIAL NO. 09/937,739
	APPLICANT Amagai et al.	
	FILING DATE March 30, 2000	GROUP ART UNIT 1632

## U.S. PATENT DOCUMENTS

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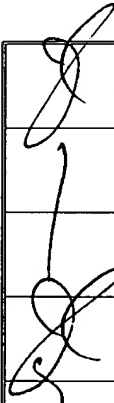
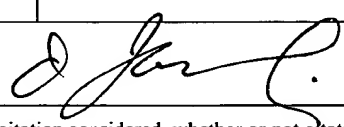
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	1	Amagai et al., "Use of Autoantigen-Knockout Mice in Developing an Active Autoimmune Disease Model for Pemphigus," <u>J. Clin. Invest.</u> , 105(5):625-631 (2000)
	2	Fan et al., "BALB/c Mice Produce Blister-Causing Antibodies Upon Immunization with a Recombinant Human Desmoglein 3 <sup>1</sup> ," <u>J. Immunol.</u> , 163:6228-6235 (1999)
	3	Ono et al., <u>Igaku no Ayumi</u> , pp. 282-284 (1995) (abstract)
	4	Amagai et al., "Desmoglein 3 (Pemphigus vulgaris Antigen) as a Major Autoimmune Target in Paraneoplastic Pemphigus and Its Role in Pathogenesis," <u>J. Invest. Dermatol.</u> , 110:482 (1998) (abstract)
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	1	Koch et al., "Targeted Disruption of the Pemphigus Vulgaris Antigen (Desmoglein 3) Gene in Mice Causes Loss of Keratinocyte Cell Adhesion with a Phenotype Similar to Pemphigus Vulgaris," <u>J. Cell Biology</u> , 137(5):1091-1102 (1997)
	2	Juhasz et al., "Development of Pemphigus Vulgaris-Like Lesions in Severe Combined Immunodeficiency Disease Mice Reconstituted with Lymphocytes from Patients," <u>J. Clin. Invest.</u> , 92:2401-2407 (1993)
	3	Stanley, "Cell Adhesion Molecules as Targets of Autoantibodies in Pemphigus and Pemphigoid, Bullous Diseases Due to Defective Epidermal Cell Adhesion," <u>Adv. Immunol.</u> , 53:291-325 (1993)
	4	Goodnow, "Balancing Immunity and Tolerance: Deleting and Tuning Lymphocyte Repertoires," <u>Proc. Natl. Acad. Sci. USA</u> , 93:2264-2271 (1996)
	5	MacDonald, "Mechanisms of Immunological Tolerance," <u>Science</u> , 246:982 (1989)
	6	Bach et al., "Are There Unique Autoantigens Triggering Autoimmune Diseases?" <u>Immunol. Rev.</u> , 164:139-155 (1998)
	7	Hashimoto et al., "Anti-Cell Surface Pemphigus Autoantibody Stimulates Plasminogen Activator Activity of Human Epidermal Cells," <u>J. Exp. Med.</u> , 157:259-272 (1983)
	8	Anhalt et al., "Induction of Pemphigus in Neonatal Mice by Passive Transfer of IgG From Patients with the Disease," <u>N. Engl. J. Med.</u> , 306:1189-1196 (1982)
	9	Schulz et al., "Development of CD4 <sup>+</sup> CD8 <sup>+</sup> $\alpha\beta$ TCR <sup>+</sup> NK1.1 <sup>+</sup> T Lymphocytes," <u>J. Immunol.</u> , 157:4379-4389 (1996)
	10	Koch et al., "Desmoglein 3 Anchors Telogen Hair in the Follicle," <u>J. Cell Sci.</u> , 111:2529-2537 (1998)

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8	11	Schiltz et al., "Production of Epidermal Acantholysis in Normal Human Skin In Vitro by the IgG Fraction From Pemphigus Serum," <u>J. Invest. Dermatol.</u> , 67:254-260 (1976)
	12	Ishii et al., "Characterization of Autoantibodies in Pemphigus Using Antigen-Specific Enzyme-Linked Immunosorbent Assays With Baculovirus-Expressed Recombinant Desmogleins," <u>J. Immunol.</u> , 159:2010-2017 (1997)
	13	Amagai et al., "Antigen-Specific Immunoabsorption of Pathogenic Autoantibodies in Pemphigus Foliaceus," <u>J. Invest. Dermatol.</u> , 104:895-901 (1995)
	14	Amagai, "Pemphigus: Autoimmunity to Epidermal Cell Adhesion Molecules," <u>Adv. Dermatol.</u> , 11:319-352 (1996)
	15	Amagai et al., "Autoantibodies Against a Novel Epithelial Cadherin in Pemphigus Vulgaris, a Disease of Cell Adhesion," <u>Cell</u> , 67:869-877 (1991)
	16	Amagai et al., "Antibodies Against Desmoglein 3 (Pemphigus Vulgaris Antigen) Are Present in Sera from Patients With Paraneoplastic Pemphigus and Cause Acantholysis In Vivo in Neonatal Mice," <u>J. Clin. Invest.</u> , 102:775-782 (1998)
	17	Amagai et al., "Usefulness of Enzyme-Linked Immunosorbent Assay Using Recombinant Desmogleins 1 and 3 for Serodiagnosis of Pemphigus," <u>Br. J. Dermatol.</u> , 140:351-357 (1999)
	18	Dry, "The Coat of the Mouse ( <i>Mus musculus</i> )," in Bateson, eds., <u>Journal of Genetics</u> , Vol. XVI. (1926), London:Wm. Dawson & Sons Ltd., pp. 287-340 (reprinted 1963)
	19	Amagai et al., "Absorption of Pathogenic Autoantibodies by the Extracellular Domain of Pemphigus Vulgaris Antigen (Dsg3) Produced by Baculovirus," <u>J. Clin. Invest.</u> , 94:59-67 (1994)
9	20	Amagai et al., "Autoantibodies Against the Amino-Terminal Cadherin-Like Binding Domain of Pemphigus Vulgaris Antigen are Pathogenic," <u>J. Clin. Invest.</u> , 90:919-926 (1992)

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